

FIG. 1

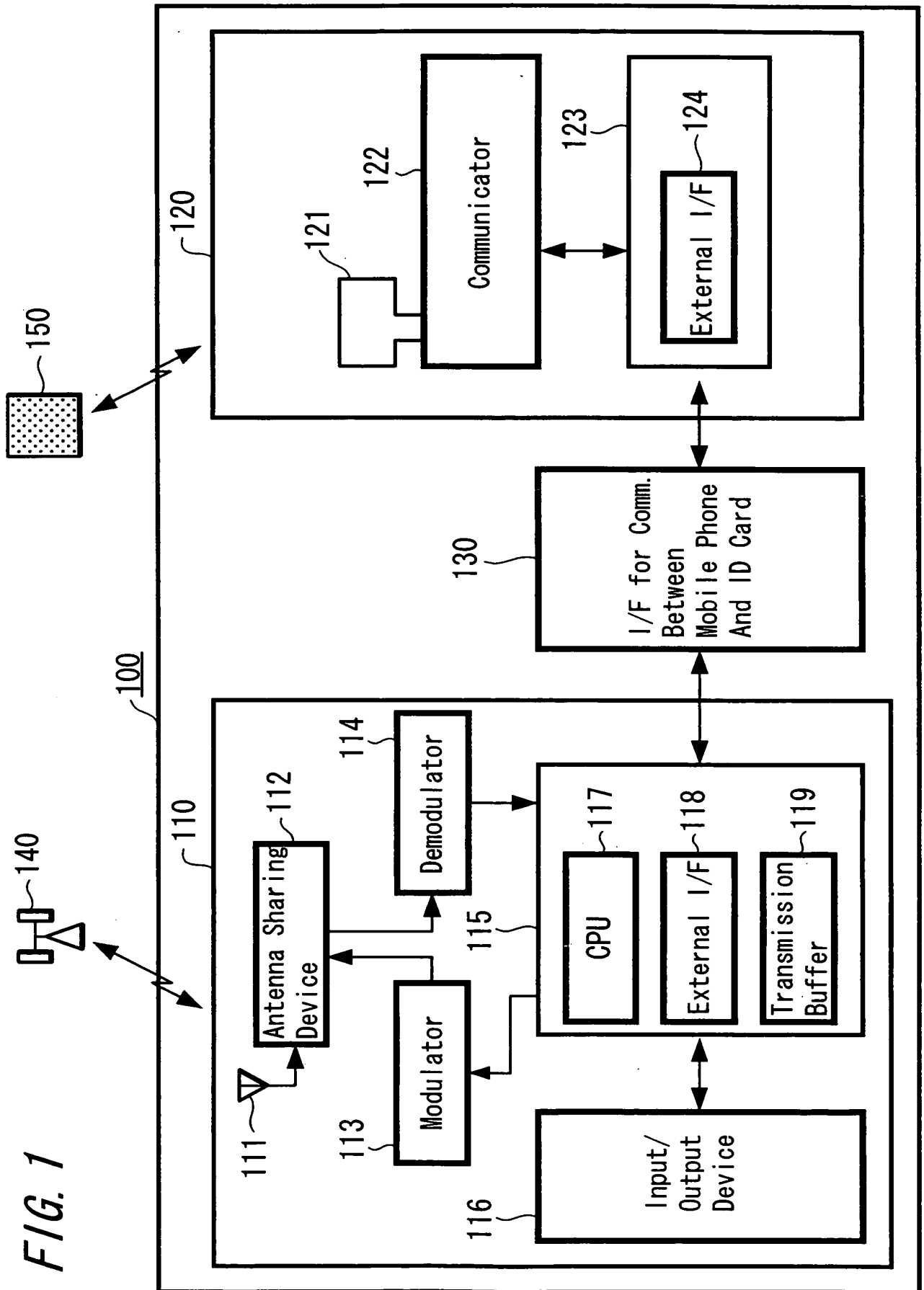


FIG. 2

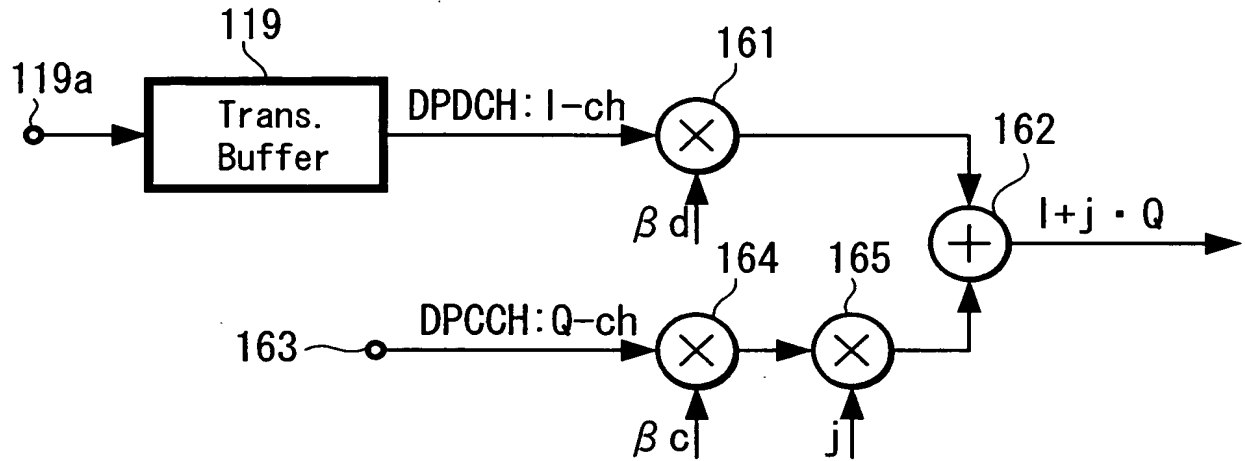


FIG. 3

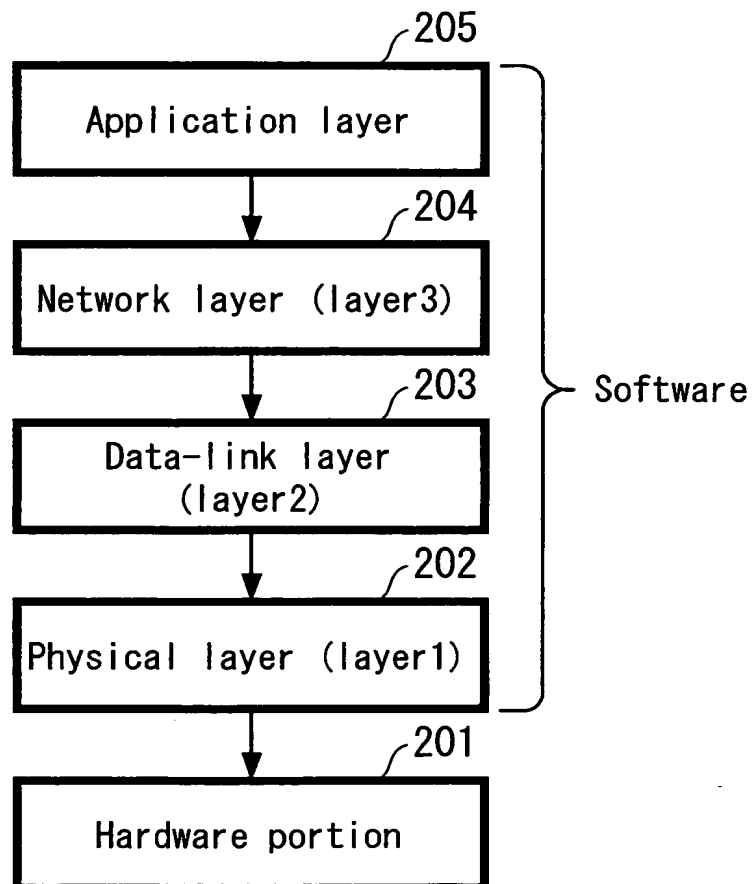


FIG. 4

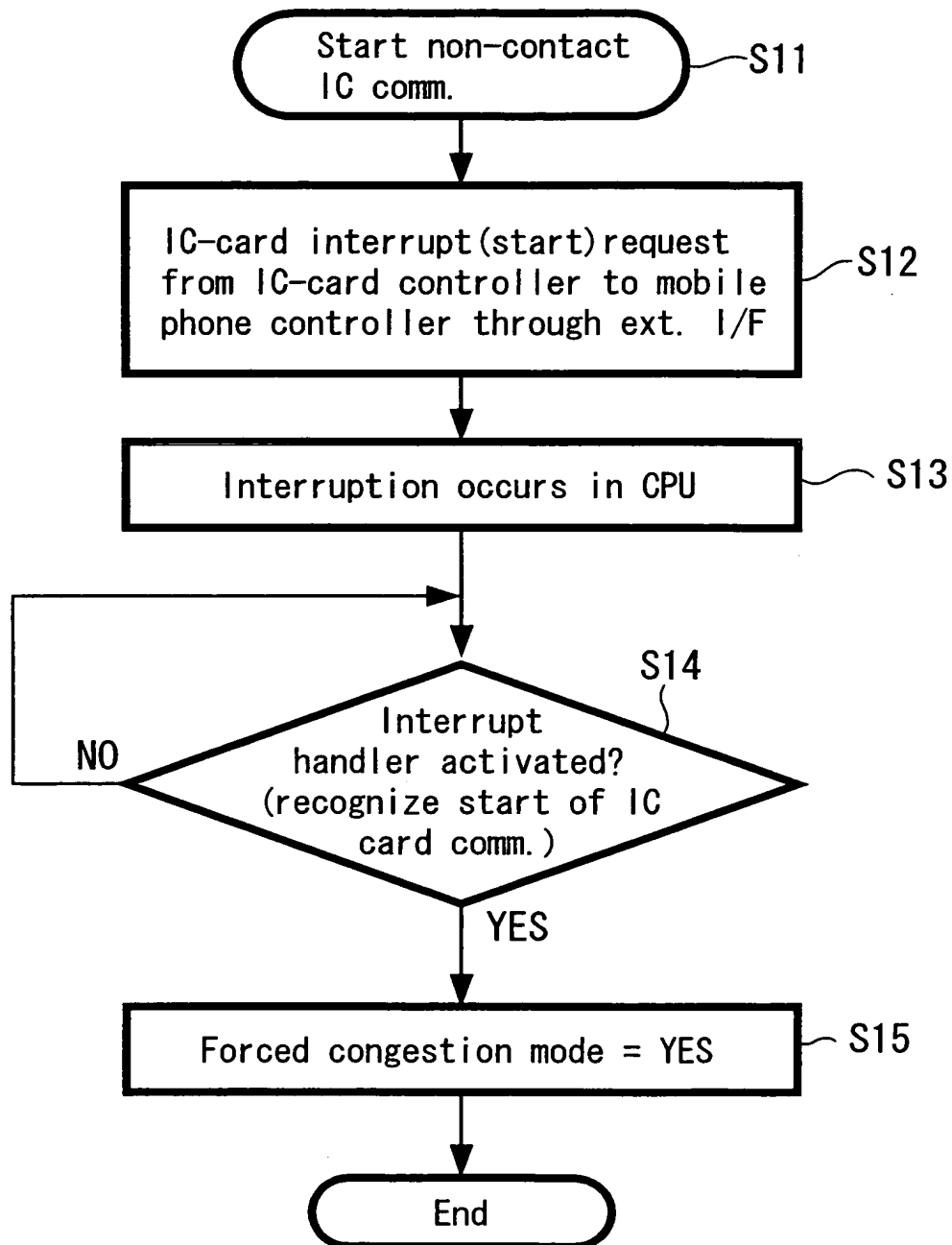


FIG. 5

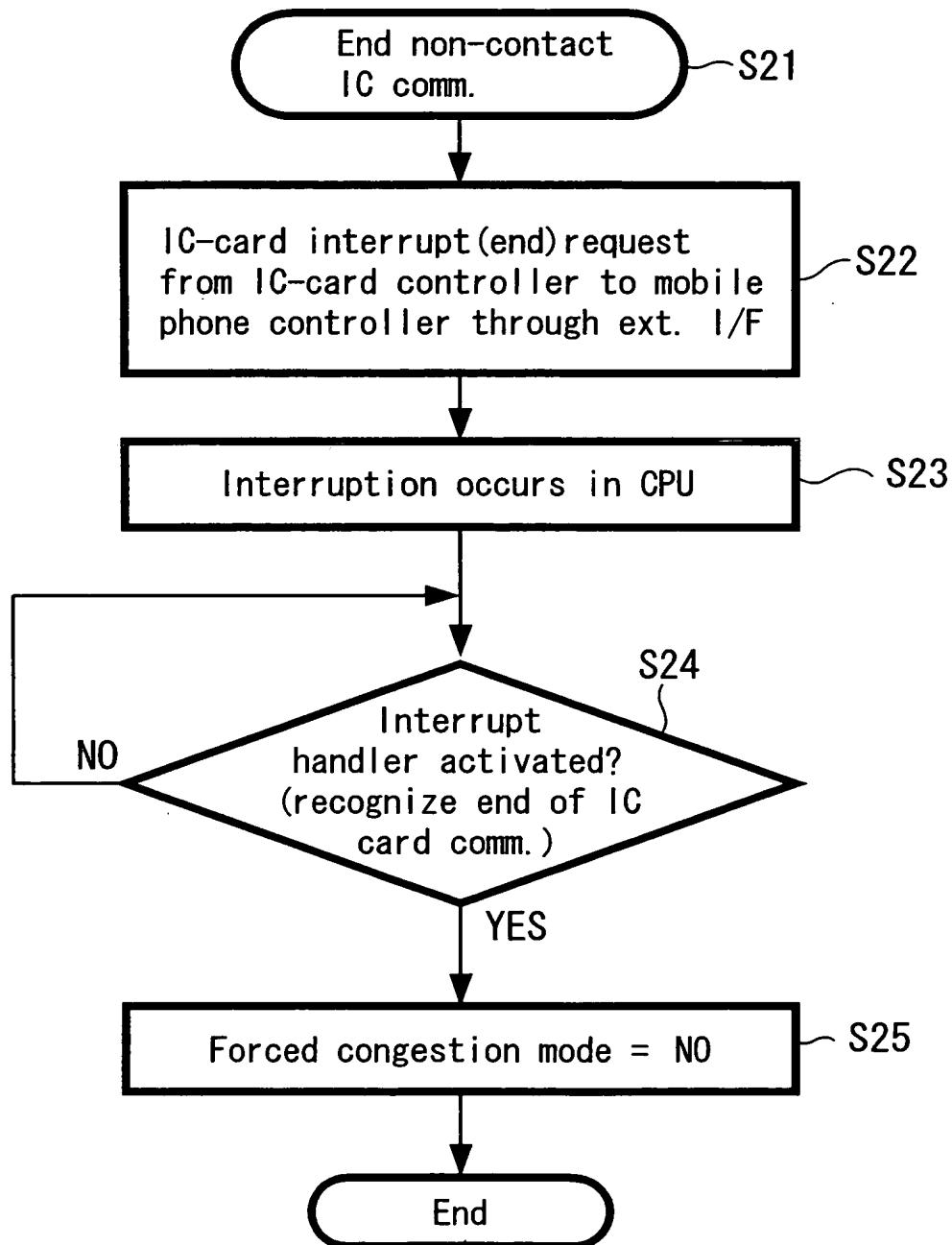


FIG. 6

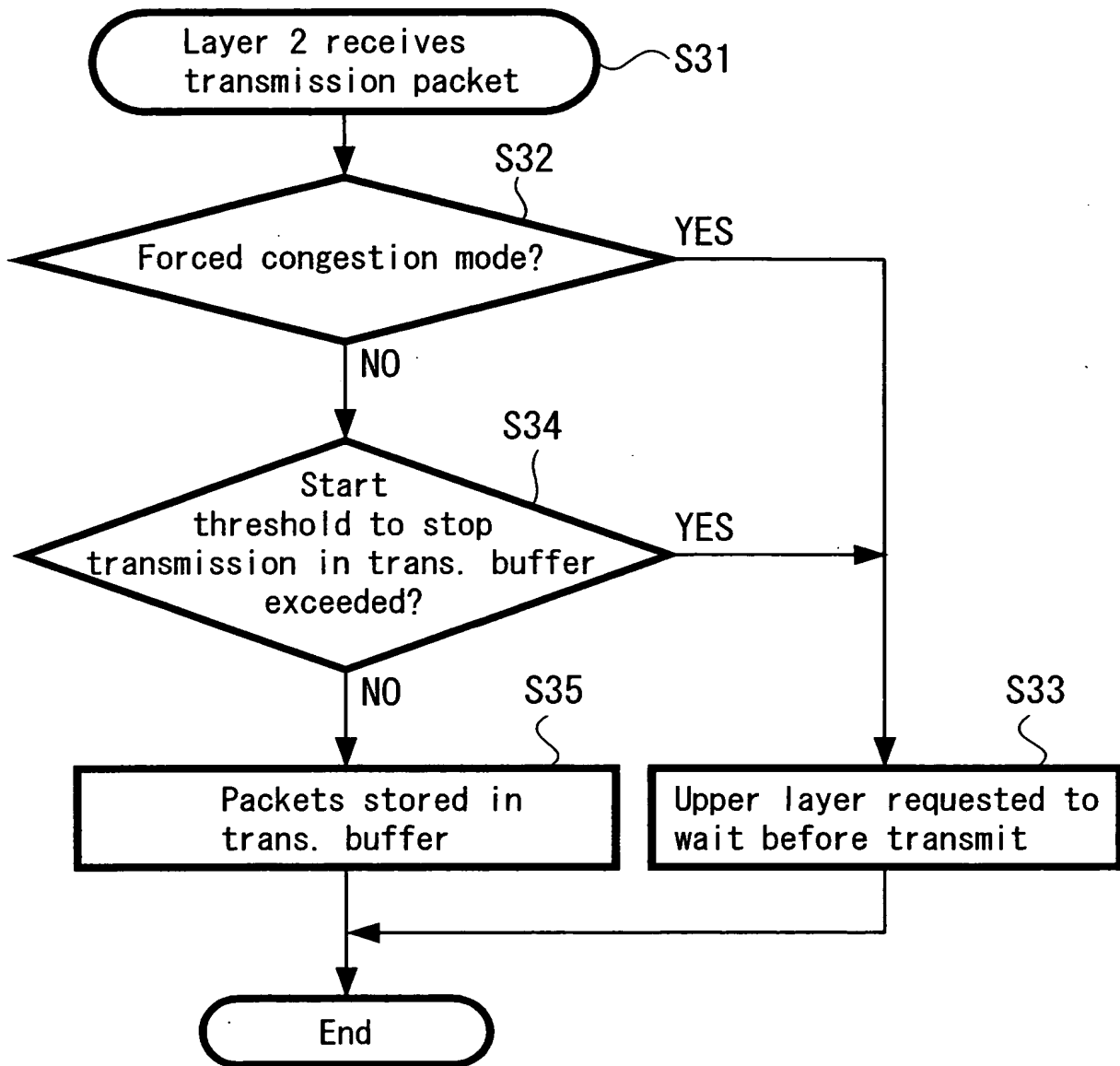
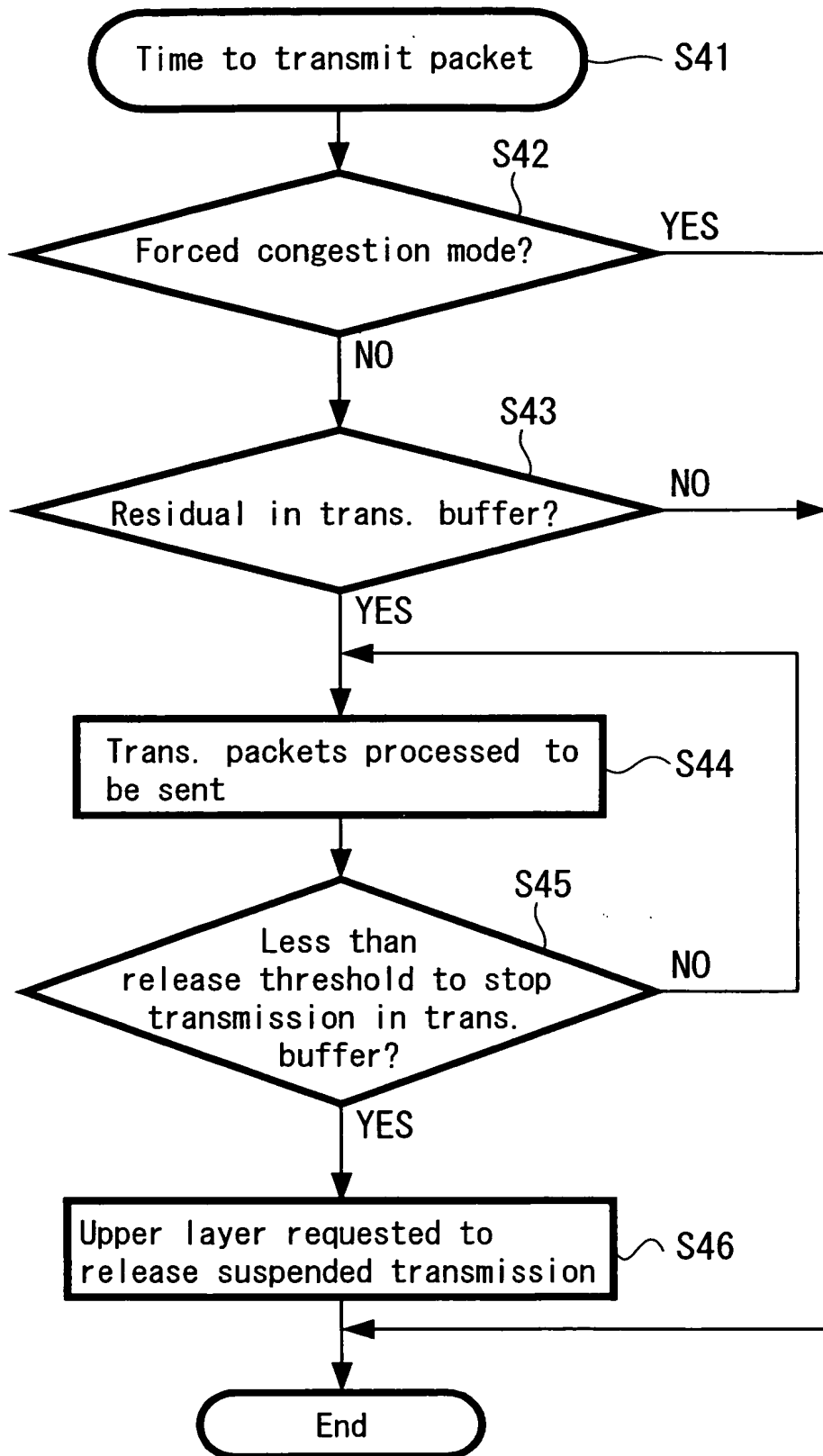


FIG. 7



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DESCRIPTION OF REFERENCE NUMERALS

100 ... MOBILE PHONE UNIT
 110 ... MOBILE PHONE PART
 111 ... ANTENNA
 112 ... ANTENNA SHARING DEVICE
 113 ... MODULATOR
 114 ... DEMODULATOR
 115 ... CONTROLLER
 116 ... INPUT/OUTPUT DEVICE
 117 ... CENTRAL PROCESSING UNIT (CPU)
 118 ... EXTERNAL INTERFACE
 119 ... TRANSMISSION BUFFER
 119a .. TRANSMISSION DATA INPUT TERMINAL
 120 ... NON-CONTACT IC CARD FUNCTION PART
 121 ... SHORT RANGE COMMUNICATION LOOP ANTENNA
 122 ... COMMUNICATOR
 123 ... CONTROLLER
 124 ... EXTERNAL INTERFACE
 130 ... INTERFACE FOR COMMUNICATION BETWEEN MOBILE
 PHONE AND IC CARD
 140 ... BASE STATION OF MOBILE PHONE
 150 ... CARD READER/WRITER
 161 ... MULTIPLIER
 162 ... ADDER
 163 ... CONTROL DATA INPUT TERMINAL
 164, 165 .. MULTIPLIER
 201 ... HARDWARE PORTION

202 ... PHYSICAL LAYER

203 ... DATA-LINK LAYER

204 ... NETWORK LAYER

205 ... APPLICATION LAYER